



5001-1121

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jean-Francois MOJON et al. Confirmation No. 2645

Serial No. 10/693,902 Group 2859

Filed October 28, 2003 Examiner Unassigned

CONSTANT-FORCE DEVICE FOR INDIRECT-SECOND WATCHES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the cited documents are made of record on the enclosed PTO Form-1449.

As the USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and patent publication for applications filed after June 30, 2003, copies of the cited U.S. references are not enclosed, as the present application is filed after June 30, 2003. Copies of the cited foreign patent documents and/or non-patent literature are enclosed.

A concise explanation of the relevance of these items is that these references were discovered during any

searches our client or their client had made, or that they were considered in the preparation of the application.

These documents are considered to belong to the technical background with regard to the present application due to the fact that none of them discloses or suggests a constant-force device comprising the characteristic of a stop wheel arranged on the intermediate second pinion of an indirect-second mechanism as claimed in the present application.

In the following paragraphs, these documents will be treated in more detail one by one.

The document EP 1 319 997 concerns a constant-force device assuring continuous transmission of force from a lever wheel to the driving organ of the watch, that device being in particular adapted to be integrated into a tourbillon mechanism. However, that device does not disclose the above mentioned characteristic.

The Swiss patent CH 353 679 describes a constant-force escapement having, as usual, stop- and escape wheel and a lever. However, the document does not contain any specification that the device is designed to work in connection with an indirect-second mechanism, and therefore does not disclose the above mentioned characteristic.

The documents CH 223 109, CH 166 265, US 975 959, CH 244 096, CH 98 828, CH 120 028 and CH 1 847 (corresponding to US 416 804) concern further examples of constant force devices and do not disclose the claimed invention, neither. Some of

these documents are available in English language.

In the annexed pages taken from the book "Eine Uhrmacherdynastie aus Dresden" of Reinhard Meis, a constant-force device is described, too. That device however does not comprise the characteristic of a stop wheel arranged on the intermediate second pinion of an indirect-second mechanism as claimed in the present application, neither.

Respectfully submitted,

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February 9, 2004

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 5001-1121	SERIAL NO. 10/693,902
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary)		APPLICANT Jean-Francois MOJON et al.	
37 CFR 1.98(b) 		FILING DATE October 28, 2003	GROUP 2859

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	975,959	11/1910	Kangas			
AB	416,804 corres. to CH 1 847	12/1889	Prentiss			
AC						
AD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
AI	1 319 997 A1	06/03	EP			
AJ	353679	05/61	CH			
AK	223109	11/42	CH			
AL	166265	03/34	CH			
AM	244096	02/47	CH			
AN	98828	05/23	CH			
AO	120028	07/26	CH			
AP	1847 corres. to US 416,804	12/1889	CH			
AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AT	Richard Meis, "Eine Uhrmacherdynastie aus Dresden," 1999, pp. 127-129, 235, and 166-168.
AU	
AV	
AX	
AY	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.